

## ATL1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:** 63kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human ATL1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

FSP1; GBP3; SPG3; HSN1D; SPG3A; AD-FSP; atlastin1;

**Catalog #:** A5302

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 51062

**Isotype:** IgG

**Swiss Prot:** Q8W XF7

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a GTPase and a Golgi body transmembrane protein. The encoded protein can form a homotetramer and has been shown to interact with spastin and with mitogen-activated protein kinase kinase kinase 4. This protein may be involved in axonal maintenance as evidenced by the fact that defects in this gene are a cause of spastic paraplegia type 3. Three transcript variants encoding two different isoforms have been found for this gene.

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